



Issue Date: April 1, 2011

Report No: TR (CM) 54/03460

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TEST REPORT

Customer Name and Address	
Sample Description	Organic Curcumin Pulp Lot No. TA-TH-2011-54G
Sample Code	CM – 54/04809
Sample Characteristic and Condition	Sample was contained in plastic bag, tightly sealed. Receipt condition: freezing, normal condition. Quantity : 1 bag, total weight 1 kg.
Received Date	March 25, 2011
Test Date	March 25-April 1, 2011

Analysis Results

Test items	Test Results	Units	LOD	Reference Methods
<u>Organophosphate group *</u>				In house method TE-CH-030 based on Steinwandter, H.Universal 5 min on-line method for Extracting and Isolation Pesticide Residues and Industrial Chemicals Fresenius Z.Anal.Chem. 1985 No.1155
Methamidophos	Not Detected	mg/kg	0.01	
Mevinphos	Not Detected	mg/kg	0.01	
Diazinon	Not Detected	mg/kg	0.01	
Diclotophos	Not Detected	mg/kg	0.01	
Monocrotophos	Not Detected	mg/kg	0.01	
Dimethoate	Not Detected	mg/kg	0.01	
Pirimiphos-methyl	Not Detected	mg/kg	0.01	
Chlorpyrifos	Not Detected	mg/kg	0.01	
Parathion-methyl	Not Detected	mg/kg	0.01	
Pirimiphos-ethyl	Not Detected	mg/kg	0.01	
Malathion	Not Detected	mg/kg	0.01	
Fenitrothion	Not Detected	mg/kg	0.01	
Parathion ethyl	Not Detected	mg/kg	0.01	
Prothiofos	Not Detected	mg/kg	0.01	
Profenofos	Not Detected	mg/kg	0.01	
Triazophos	Not Detected	mg/kg	0.01	
<u>Carbamate group *</u>				In house method TE-CH-030 based on Steinwandter, H.Universal 5 min on-line method for Extracting and Isolation Pesticide Residues and Industrial Chemicals Fresenius Z.Anal.Chem. 1985 No.1155
Oxamyl	Not Detected	mg/kg	0.01	
Methomyl	Not Detected	mg/kg	0.01	
Carbaryl	Not Detected	mg/kg	0.01	
Isoprocarb	Not Detected	mg/kg	0.01	
Fenobucarb	Not Detected	mg/kg	0.01	
Methiocarb	Not Detected	mg/kg	0.01	
Total Aldicarb	Not Detected	mg/kg	0.01	
Total Carbofuran	Not Detected	mg/kg	0.01	

Remark: *Marked tests are not accredited by DMSc.

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Analysis Results

Test items	Test Results	Units	LOD	Reference Methods
<u>Orgonochlorine group*</u>				In house method TE-CH-030 based on Steinwandter, H.Universal 5 min on-line method for Extracting and Isolation Pesticide Residues and Industrial Chemicals Fresenius Z.Anal.Chem. 1985 No.1155
Total BHC	Not Detected	mg/kg	-	
- Alpha - BHC	Not Detected	mg/kg	0.005	
- Beta - BHC	Not Detected	mg/kg	0.005	
- Gamma - BHC (Lindane)	Not Detected	mg/kg	0.005	
Heptachlor&Heptachor epoxide	Not Detected	mg/kg	0.005	
Aldrine&Dieldrin	Not Detected	mg/kg	0.005	
Total DDT	Not Detected	mg/kg	0.005	
Total Endosulfan	Not Detected	mg/kg	0.005	
Total Chlordane	Not Detected	mg/kg	0.005	
Endrin				
Dicofol				
<u>Pyrethroid group*</u>				In house method TE-CH-030 based on Steinwandter, H.Universal 5 min on-line method for Extracting and Isolation Pesticide Residues and Industrial Chemicals Fresenius Z.Anal.Chem. 1985 No.1155
Bifenthrin	Not Detected	mg/kg	0.005	
Permethrin	Not Detected	mg/kg	0.01	
L-Cyhalothrin	Not Detected	mg/kg	0.005	
Cypermethrin	Not Detected	mg/kg	0.01	
Cyfluthrin	Not Detected	mg/kg	0.005	
Fenvalerate	Not Detected	mg/kg	0.005	
Deltamethrin	Not Detected	mg/kg	0.005	
Brix*	2.7	Brix degree	-	AOAC (2000) 932.14
pH*	6.27	-	-	In house method based on AOAC (2000) 973.41 AOAC (2000) 942.15
Total Acidity (as Citric acid)*	0.14	g / 100g	-	
Yeast & Molds Count	<10	CFU/g	-	FDA BAM (2001), Ch. 18
Coliforms Bacteria	<3.0	MPN/g	-	FDA BAM (2002), Ch. 4
Total Plate Count	<10	CFU/g	-	FDA BAM (2001), Ch. 3

Remark: * Marked tests are not accredited by DMSc.

Signed for and on behalf of
 Central Laboratory (Thailand) Co., Ltd.

 (Mr. Ekachai Nakachai)
 Director,
 CERTIFIED Chiangmai Branch

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